

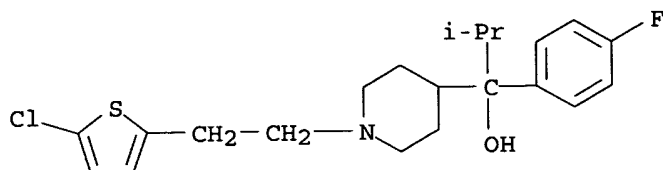
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  1:>= minimum 1  3:>= minimum 1  4:>= minimum 1  6:>= minimum 1
Match level :
  1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:CLASS
  11:CLASS 12:CLASS 13:Atom
Generic attributes :
  12:
    Saturation : Saturated
    Number of Carbon Atoms : less than 7

Element Count :
  Node 9: Limited
    S,S0-1
    N,N0-2

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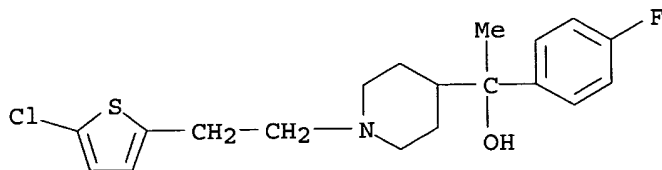
L2 ANSWER 1 OF 13 REGISTRY COPYRIGHT 2002 ACS
 RN 325706-35-2 REGISTRY
 CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-(1-methylethyl)- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H27 Cl F N O S
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 2 OF 13 REGISTRY COPYRIGHT 2002 ACS
 RN 325706-34-1 REGISTRY
 CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H23 Cl F N O S
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS

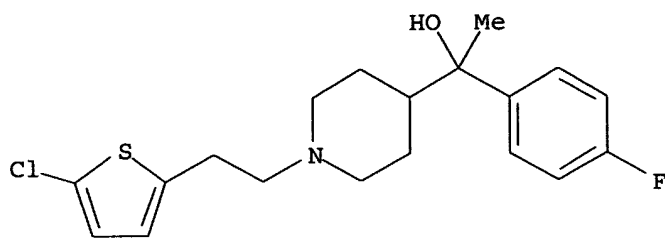


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 3 OF 13 REGISTRY COPYRIGHT 2002 ACS
 RN 325706-30-7 REGISTRY
 CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride, (-)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C19 H23 Cl F N O S . Cl H
 SR CA
 LC STN Files: CA, CAPLUS

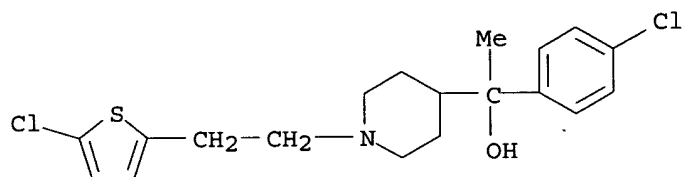
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● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

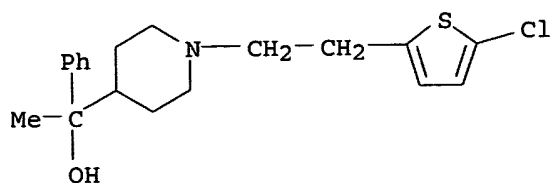
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RN 325706-25-0 REGISTRY
CN 4-Piperidinemethanol, .alpha.-(4-chlorophenyl)-1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)
MF C19 H23 Cl2 N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

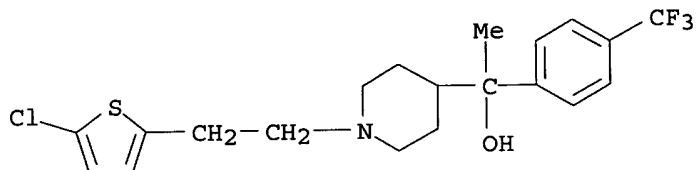
L2 ANSWER 5 OF 13 REGISTRY COPYRIGHT 2002 ACS
RN 325706-22-7 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-methyl-.alpha.-phenyl-, hydriodide (9CI) (CA INDEX NAME)
MF C19 H24 Cl N O S . H I
SR CA
LC STN Files: CA, CAPLUS



● HI

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

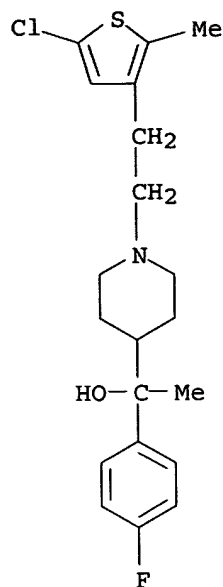
L2 ANSWER 6 OF 13 REGISTRY COPYRIGHT 2002 ACS
RN 325706-18-1 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-methyl-
.alpha.-[4-(trifluoromethyl)phenyl]-, hydrochloride (9CI) (CA INDEX NAME)
MF C20 H23 Cl F3 N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

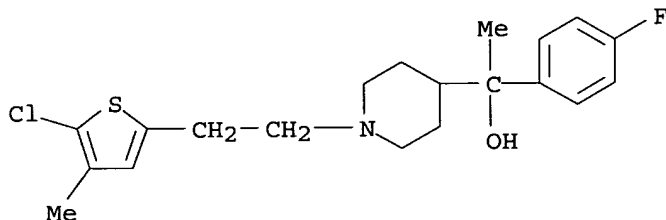
L2 ANSWER 7 OF 13 REGISTRY COPYRIGHT 2002 ACS
RN 325706-15-8 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-methyl-3-thienyl)ethyl]-.alpha.-(4-
fluorophenyl)-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)
MF C20 H25 Cl F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

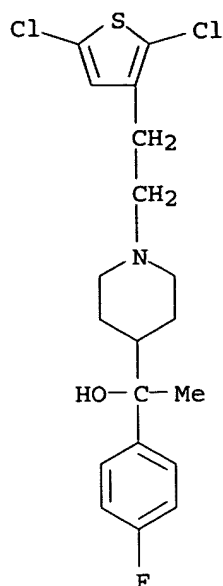
L2 ANSWER 8 OF 13 REGISTRY COPYRIGHT 2002 ACS
RN 325706-10-3 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-4-methyl-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)
MF C20 H25 Cl F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

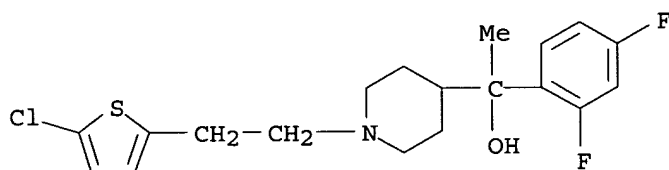
L2 ANSWER 9 OF 13 REGISTRY COPYRIGHT 2002 ACS
RN 325706-09-0 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(2,5-dichloro-3-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)
MF C19 H22 Cl2 F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

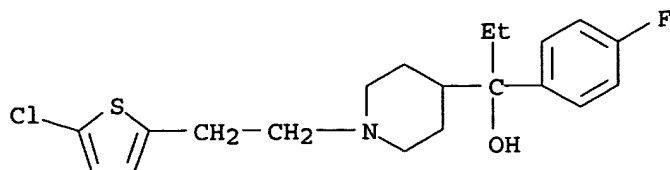
L2 ANSWER 10 OF 13 REGISTRY COPYRIGHT 2002 ACS
RN 325706-02-3 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(2,4-difluorophenyl)-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)
MF C19 H22 Cl F2 N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 11 OF 13 REGISTRY COPYRIGHT 2002 ACS
RN 325706-00-1 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-ethyl-.alpha.-(4-fluorophenyl)-, hydrochloride (9CI) (CA INDEX NAME)
MF C20 H25 Cl F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS

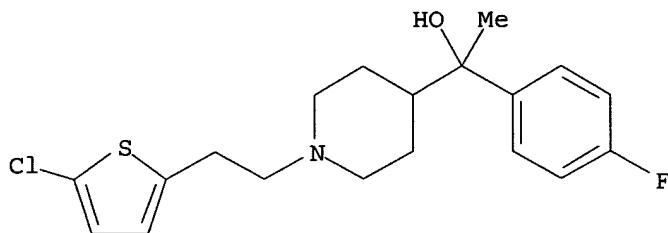


● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 12 OF 13 REGISTRY COPYRIGHT 2002 ACS
RN 325705-91-7 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride, (+)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C19 H23 Cl F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS

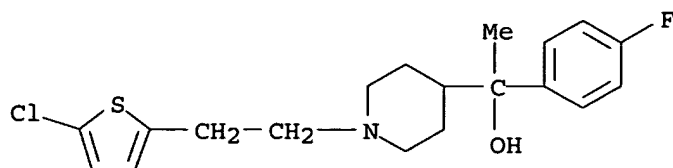
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● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 13 OF 13 REGISTRY COPYRIGHT 2002 ACS
RN 325705-90-6 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)
MF C19 H23 Cl F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS
CRN (325706-34-1)



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

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L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

AN 2001:136797 CAPLUS

DN 134:162928

TI Preparation of piperidinyllkanols as 5-HT2A antagonists.

IN Pruecher, Helmut; Boettcher, Henning; Ackermann, Karl-August; Gottschlich, Rudolf; Greiner, Hartmut; Harting, Juergen; Bartoszyk, Gerd; Seyfried, Christoph; Van Amsterdam, Chrostoph

PA Merck Patent G.M.B.H., Germany

SO Ger. Offen., 18 pp.

CODEN: GWXXBX

DT Patent

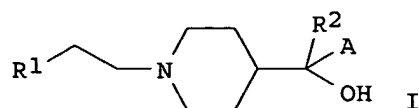
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	WO 2001014332	A1	20010301	WO 2000-EP7664	20000808
	W:				
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	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				DE 1999-19939756A	19990821
BR	2000013467	A	20020430	BR 2000-13467	20000808
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EP	1202966	A1	20020508	EP 2000-964004	20000808
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
				DE 1999-19939756A	19990821
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NO	2002000827	A	20020220	NO 2002-827	20020220
				DE 1999-19939756A	19990821
				WO 2000-EP7664 W	20000808

OS MARPAT 134:162928

GI



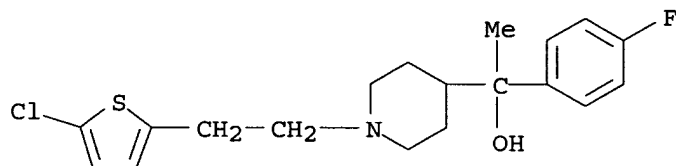
AB Title compds. [I; R1, R2 = (substituted) Ph, heterocyclyl; A = alkyl] and salts or solvates thereof were prepd. for treatment of psychosis, amnesia, eating disorders, etc. Thus, 2-chloro-5-(2-chloroethyl)thiophene, 1-(4-fluorophenyl)-1-piperidin-4-ylethanol HCl, and NaHCO₃ were stirred for 8 h at 80.degree. in MeCN to give 1-[1-[2-(5-chlorothiophen-2-yl)ethyl]piperidin-4-yl]-1-(4-fluorophenyl)ethanol. I showed 5-HT_{2A} antagonist effects with IC₅₀ = 1.5 .times. 10⁻¹⁰ M to 2.5 .times. 10⁻⁷ M.

IT 325705-90-6P

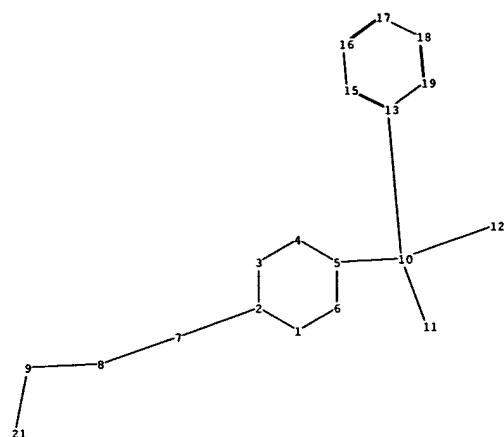
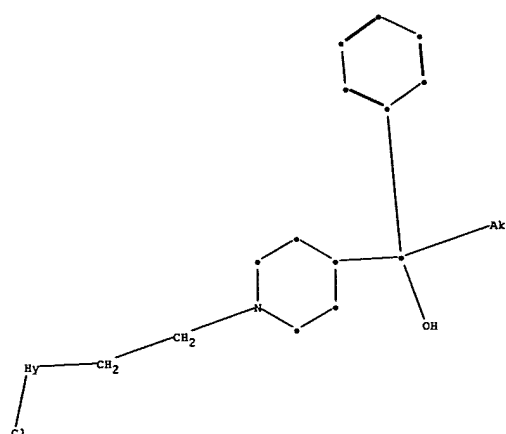
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of piperidine alcs. as 5-HT_{2A} antagonists)

RN 325705-90-6 CAPLUS

CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)



● HCl



chain nodes :

7 8 9 10 11 12 21

ring nodes :

1 2 3 4 5 6 13 15 16 17 18 19

chain bonds :

2-7 5-10 7-8 8-9 9-21 10-11 10-12 10-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 13-15 13-19 15-16 16-17 17-18 18-19

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 9-21 10-11 10-12

exact bonds :

2-7 5-10 7-8 10-13

normalized bonds :

13-15 13-19 15-16 16-17 17-18 18-19

isolated ring systems :

containing 1 :

Hydrogen count :

1:>= minimum 1 3:>= minimum 1 4:>= minimum 1 6:>= minimum 1 .

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 21:CLASS

Generic attributes :

9:

Number of Carbon Atoms : less than 7

Type of Ring System : Monocyclic

12:

Saturation : Saturated

Number of Carbon Atoms : less than 7

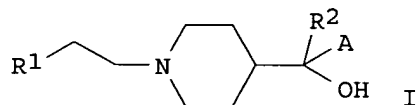
Element Count :

Node 9: Limited

S,S0-1

AN 134:162928 CA
 TI Preparation of piperidinyllalkanols as 5-HT_{2A} antagonists.
 IN Pruecher, Helmut; Boettcher, Henning; Ackermann, Karl-August; Gottschlich, Rudolf; Greiner, Hartmut; Harting, Juergen; Bartoszyk, Gerd; Seyfried, Christoph; Van Amsterdam, Chrostoph
 PA Merck Patent G.M.B.H., Germany
 SO Ger. Offen., 18 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

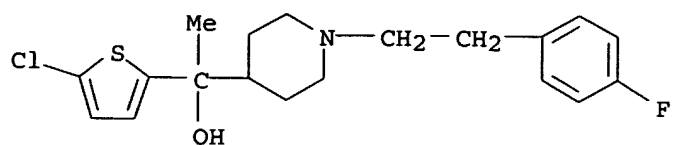
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PI	DE 19939756	A1	20010222	DE 1999-19939756	19990821
	WO 2001014332	A1	20010301	WO 2000-EP7664	20000808
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	BR 2000013467	A	20020430	BR 2000-13467	20000808
	EP 1202966	A1	20020508	EP 2000-964004	20000808
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	NO 2002000827	A	20020220	NO 2002-827	20020220
PRAI	DE 1999-19939756	A	19990821		
	WO 2000-EP7664	W	20000808		
OS	MARPAT 134:162928				
GI					



AB Title compds. [I; R₁, R₂ = (substituted) Ph, heterocyclyl; A = alkyl] and salts or solvates thereof were prepd. for treatment of psychosis, amnesia, eating disorders, etc. Thus, 2-chloro-5-(2-chloroethyl)thiophene, 1-(4-fluorophenyl)-1-piperidin-4-ylethanol HCl, and NaHCO₃ were stirred for 8 h at 80.degree. in MeCN to give 1-[1-[2-(5-chlorothiophen-2-yl)ethyl]piperidin-4-yl]-1-(4-fluorophenyl)ethanol. I showed 5-HT_{2A} antagonist effects with IC₅₀ = 1.5 .times. 10⁻¹⁰ M to 2.5 .times. 10⁻⁷ M.

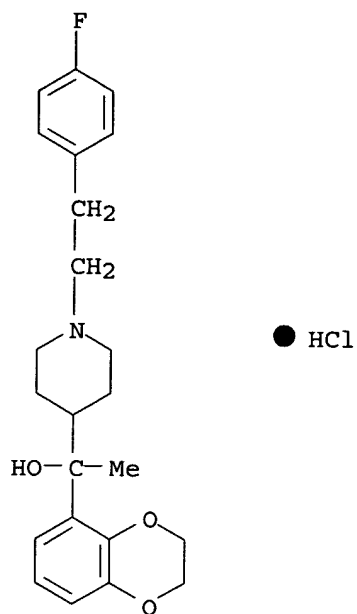
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L8 ANSWER 1 OF 1 CA COPYRIGHT 2002 ACS
 IT 325706-24-9P 325706-28-3P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of piperidine alcs. as 5-HT_{2A} antagonists)
 RN 325706-24-9 CA
 CN 4-Piperidinemethanol, .alpha.-(5-chloro-2-thienyl)-1-[2-(4-fluorophenyl)ethyl]-.alpha.-methyl- (9CI) (CA INDEX NAME)



RN 325706-28-3 CA

CN 4-Piperidinemethanol, .alpha.-(2,3-dihydro-1,4-benzodioxin-5-yl)-1-[2-(4-fluorophenyl)ethyl]-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)



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SAMPLE SCREEN SEARCH COMPLETED - 93 TO ITERATE

100.0% PROCESSED 93 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1282 TO 2438
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

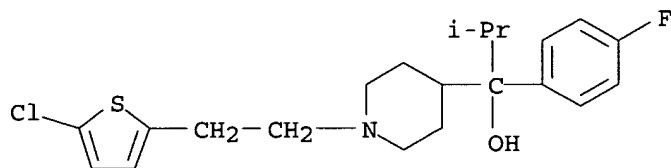
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FULL SCREEN SEARCH COMPLETED - 1995 TO ITERATE

100.0% PROCESSED 1995 ITERATIONS 9 ANSWERS
SEARCH TIME: 00.00.01

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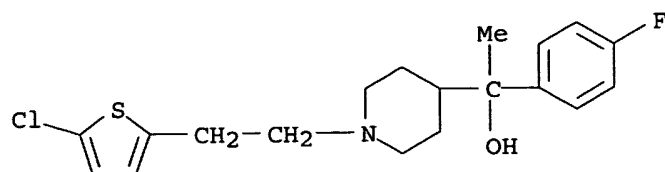
L3 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2002 ACS
RN 325706-35-2 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-(1-methylethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H27 Cl F N O S
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2002 ACS
RN 325706-34-1 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H23 Cl F N O S
CI COM
SR CA
LC STN Files: CA, CAPLUS

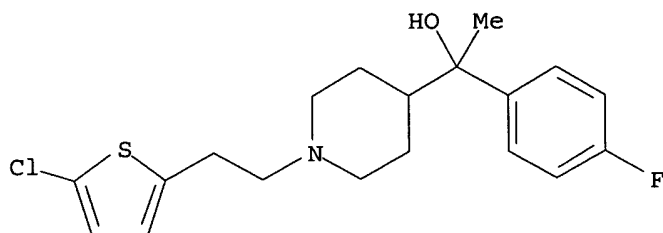


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2002 ACS
RN 325706-30-7 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride, (-)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C19 H23 Cl F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS

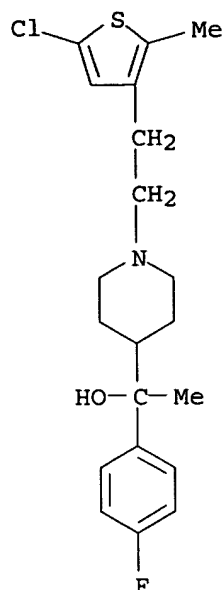
Rotation (-).



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

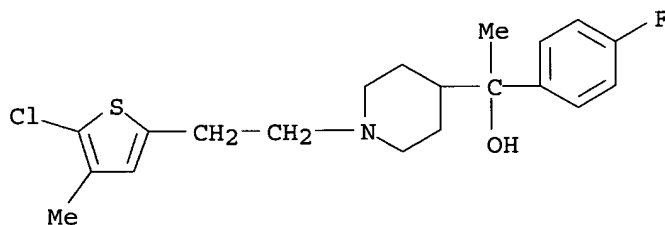
L3 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2002 ACS
RN 325706-15-8 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-methyl-3-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)
MF C20 H25 Cl F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

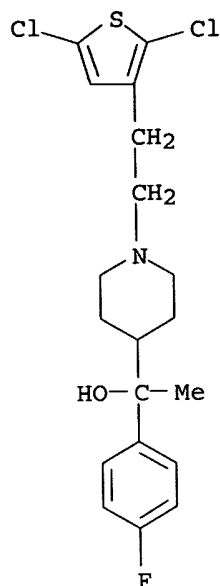
L3 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2002 ACS
RN 325706-10-3 REGISTRY
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MF C20 H25 Cl F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

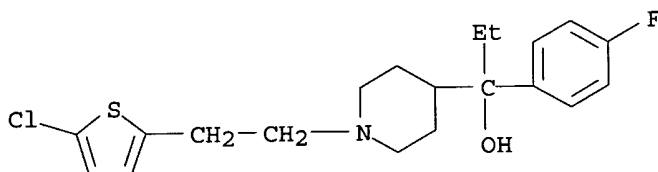
L3 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2002 ACS
RN 325706-09-0 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(2,5-dichloro-3-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)
MF C19 H22 Cl2 F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2002 ACS
RN 325706-00-1 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-ethyl-.alpha.-(4-fluorophenyl)-, hydrochloride (9CI) (CA INDEX NAME)
MF C20 H25 Cl F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS

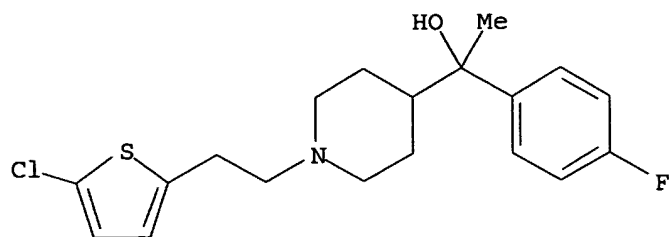


● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2002 ACS
RN 325705-91-7 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride, (+)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C19 H23 Cl F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS

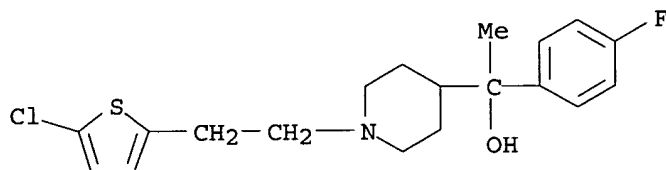
Rotation (+).



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2002 ACS
RN 325705-90-6 REGISTRY
CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)
MF C19 H23 Cl F N O S . Cl H
SR CA
LC STN Files: CA, CAPLUS
CRN (325706-34-1)



● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

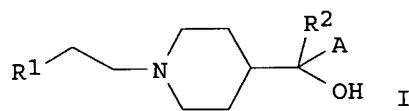
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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AN 2001:136797 CAPLUS
DN 134:162928
TI Preparation of piperidinylalkanols as 5-HT2A antagonists.
IN Pruecher, Helmut; Boettcher, Henning; Ackermann, Karl-August; Gottschlich, Rudolf; Greiner, Hartmut; Harting, Juergen; Bartoszyk, Gerd; Seyfried, Christoph; Van Amsterdam, Chrostoph
PA Merck Patent G.M.B.H., Germany
SO Ger. Offen., 18 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI DE 19939756 A1 20010222 DE 1999-19939756 19990821
 WO 2001014332 A1 20010301 WO 2000-EP7664 20000808
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 IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
 MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 DE 1999-19939756A 19990821
 BR 2000013467 A 20020430 BR 2000-13467 20000808
 DE 1999-19939756A 19990821
 WO 2000-EP7664 W 20000808
 EP 1202966 A1 20020508 EP 2000-964004 20000808
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL
 DE 1999-19939756A 19990821
 WO 2000-EP7664 W 20000808
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 WO 2000-EP7664 W 20000808
 OS MARPAT 134:162928
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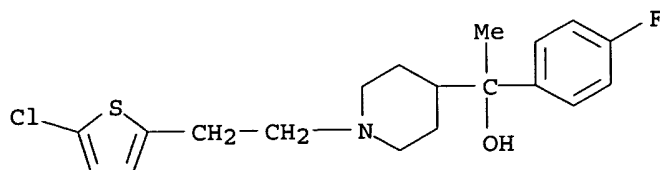
AB Title compds. [I; R1, R2 = (substituted) Ph, heterocyclyl; A = alkyl] and salts or solvates thereof were prepd. for treatment of psychosis, amnesia, eating disorders, etc. Thus, 2-chloro-5-(2-chloroethyl)thiophene, 1-(4-fluorophenyl)-1-piperidin-4-ylethanol HCl, and NaHCO₃ were stirred for 8 h at 80.degree. in MeCN to give 1-[1-[2-(5-chlorothiophen-2-yl)ethyl]piperidin-4-yl]-1-(4-fluorophenyl)ethanol. I showed 5-HT_{2A} antagonist effects with IC₅₀ = 1.5 .times. 10⁻¹⁰ M to 2.5 .times. 10⁻⁷ M.

IT 325705-90-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of piperidine alcs. as 5-HT_{2A} antagonists)

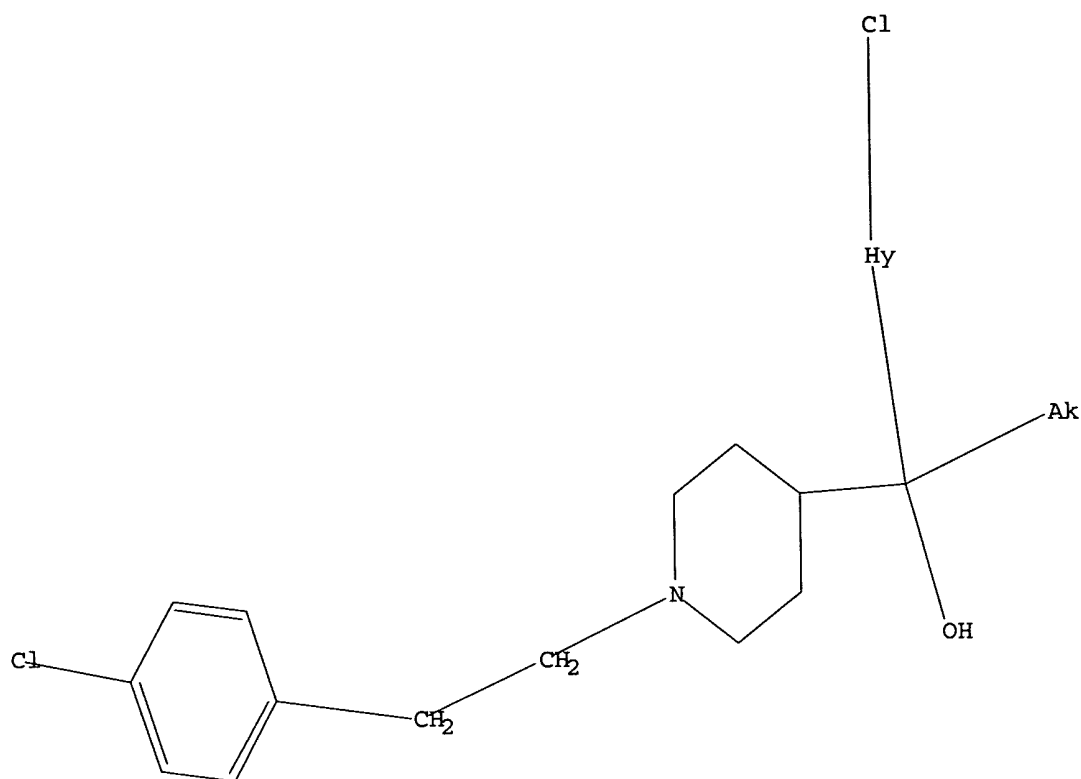
RN 325705-90-6 CAPLUS

CN 4-Piperidinemethanol, 1-[2-(5-chloro-2-thienyl)ethyl]-.alpha.-(4-fluorophenyl)-.alpha.-methyl-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

=> d
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 80 TO ITERATE

100.0% PROCESSED 80 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
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FULL SCREEN SEARCH COMPLETED - 1725 TO ITERATE

100.0% PROCESSED 1725 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

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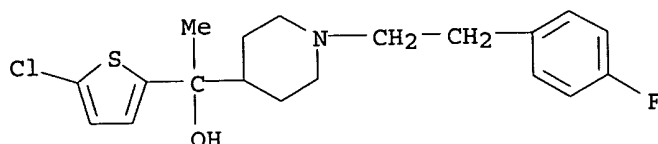
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SEARCH TIME: 00.00.01

1 ANSWERS

L9 1 SEA SSS FUL L8

=> d

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 325706-24-9 REGISTRY
CN 4-Piperidinemethanol, .alpha.-(5-chloro-2-thienyl)-1-[2-(4-fluorophenyl)ethyl]-.alpha.-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H23 Cl F N O S
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

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L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AN 2001:136797 CAPLUS
DN 134:162928
TI Preparation of piperidinylalkanols as 5-HT2A antagonists.
IN Pruecher, Helmut; Boettcher, Henning; Ackermann, Karl-August; Gottschlich, Rudolf; Greiner, Hartmut; Harting, Juergen; Bartoszyk, Gerd; Seyfried, Christoph; Van Amsterdam, Chrostoph
PA Merck Patent G.M.B.H., Germany
SO Ger. Offen., 18 pp.
 CODEN: GWXXBX

DT Patent
LA German

FAN.CNT 1

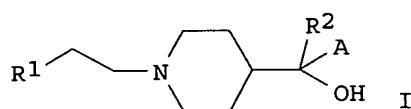
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	WO 2001014332	A1	20010301	WO 2000-EP7664	20000808

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BR 2000013467 A 20020430 DE 1999-19939756A 19990821
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WO 2000-EP7664 W 20000808
EP 1202966 A1 20020508 EP 2000-964004 20000808
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IE, SI, LT, LV, FI, RO, MK, CY, AL
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WO 2000-EP7664 W 20000808

OS MARPAT 134:162928
GI



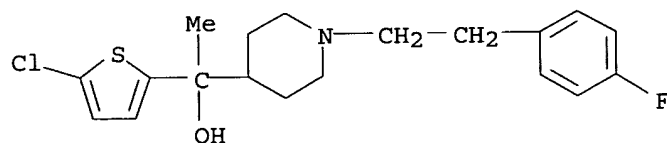
AB Title compds. [I; R1, R2 = (substituted) Ph, heterocyclyl; A = alkyl] and salts or solvates thereof were prepd. for treatment of psychosis, amnesia, eating disorders, etc. Thus, 2-chloro-5-(2-chloroethyl)thiophene, 1-(4-fluorophenyl)-1-piperidin-4-ylethanol HCl, and NaHCO₃ were stirred for 8 h at 80.degree. in MeCN to give 1-[1-[2-(5-chlorothiophen-2-yl)ethyl]piperidin-4-yl]-1-(4-fluorophenyl)ethanol. I showed 5-HT_{2A} antagonist effects with IC₅₀ = 1.5 .times. 10⁻¹⁰ M to 2.5 .times. 10⁻⁷ M.

IT 325706-24-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of piperidine alcs. as 5-HT_{2A} antagonists)

RN 325706-24-9 CAPLUS

CN 4-Piperidinemethanol, .alpha.-(5-chloro-2-thienyl)-1-[2-(4-fluorophenyl)ethyl]-.alpha.-methyl- (9CI) (CA INDEX NAME)



=>

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Executing the logoff script...

=> LOG H

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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451.93

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

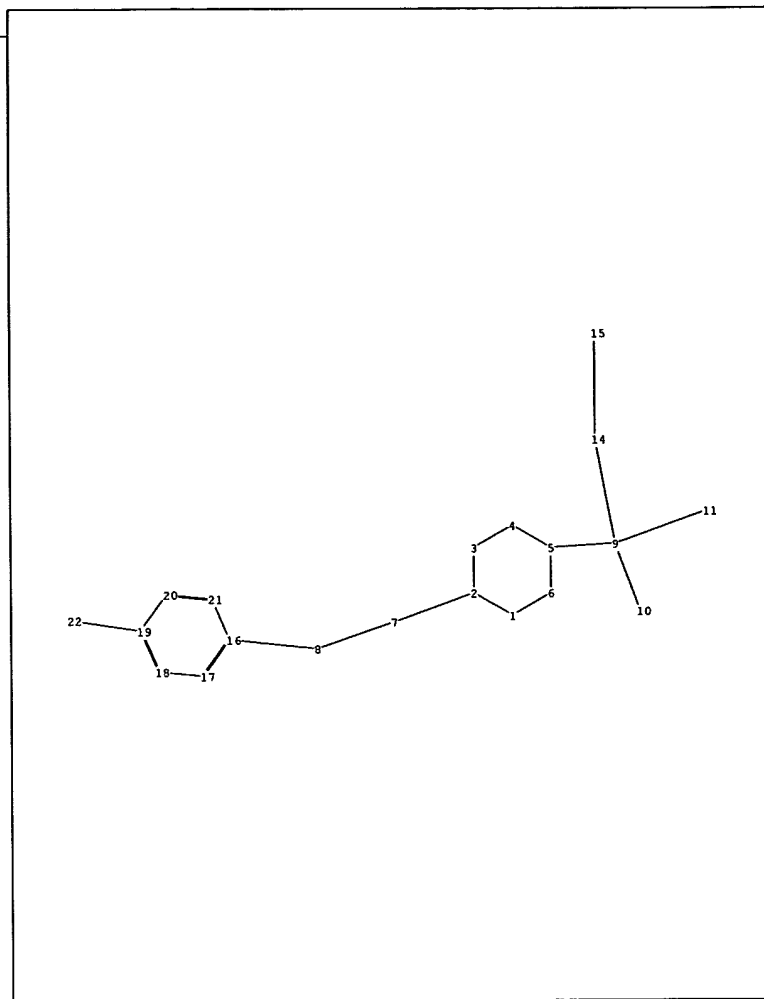
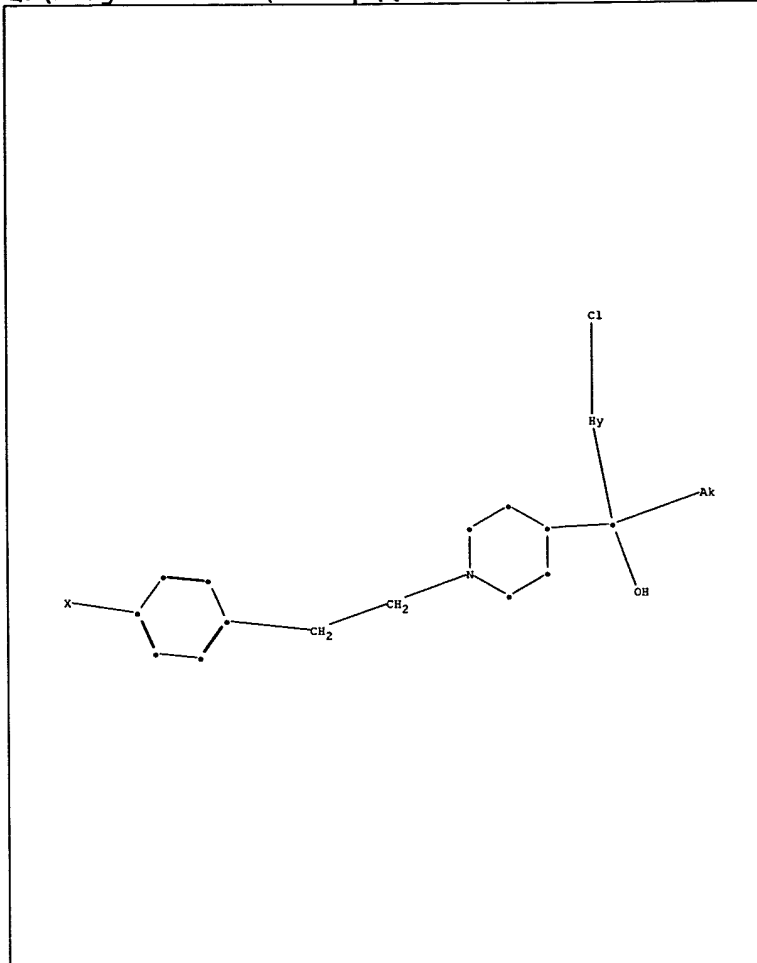
SINCE FILE

TOTAL

ENTRY	SESSION
-0.62	-1.24

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 18:40:25 ON 18 DEC 2002



chain nodes :

7 8 9 10 11 14 15 22

ring nodes :

1 2 3 4 5 6 16 17 18 19 20 21

chain bonds :

2-7 5-9 7-8 8-16 9-10 9-11 9-14 14-15 19-22

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 16-17 16-21 17-18 18-19 19-20 20-21

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-11 9-14 14-15

exact bonds :

2-7 5-9 7-8 8-16 19-22

normalized bonds :

16-17 16-21 17-18 18-19 19-20 20-21

isolated ring systems :

containing 1 : 16 :

Hydrogen count :

1:>= minimum 1 3:>= minimum 1 4:>= minimum 1 6:>= minimum 1 17:>= minimum 1

18:>= minimum 1 20:>= minimum 1 21:>= minimum 1

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS

11:CLASS 14:Atom 15:CLASS 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom

22:CLASS

Generic attributes :

11:

Saturation : Saturated

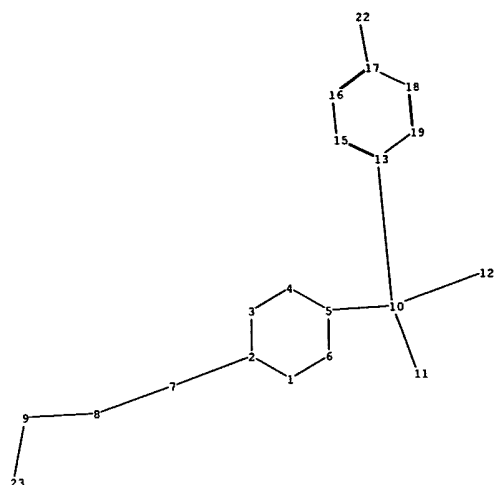
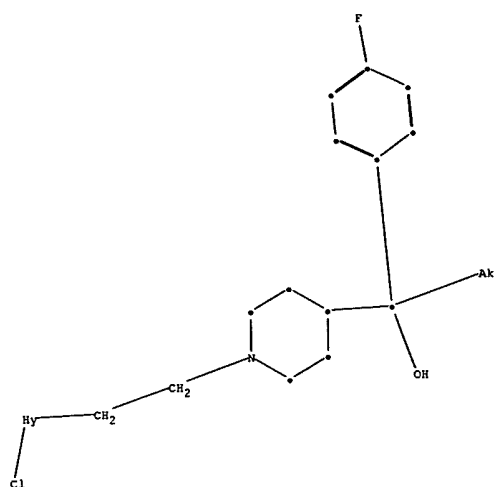
Number of Carbon Atoms : less than 7

14:

Number of Carbon Atoms : less than 7

Number of Hetero Atoms : less than 2

Type of Ring System : Monocyclic



chain nodes :

7 8 9 10 11 12 22 23

ring nodes :

1 2 3 4 5 6 13 15 16 17 18 19

chain bonds :

2-7 5-10 7-8 8-9 9-23 10-11 10-12 10-13 17-22

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 13-15 13-19 15-16 16-17 17-18 18-19

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 9-23 10-11 10-12

exact bonds :

2-7 5-10 7-8 10-13 17-22

normalized bonds :

13-15 13-19 15-16 16-17 17-18 18-19

isolated ring systems :

containing 1 :

Hydrogen count :

1:>= minimum 1 3:>= minimum 1 4:>= minimum 1 6:>= minimum 1 15:>= minimum 1
16:>= minimum 1 18:>= minimum 1 19:>= minimum 1

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 22:CLASS
23:CLASS

Generic attributes :

9:

Number of Carbon Atoms : less than 7

Number of Hetero Atoms : less than 2

Type of Ring System : Monocyclic

12:

Saturation : saturated

Number of Carbon Atoms : less than 7